



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

UNDATED

OFFICE OF  
PESTICIDES AND  
TOXIC SUBSTANCES

MEMORANDUM

Subject: Percent of Grass Seed Crop Treated with Propiconazole  
(Tilt)

From: Joseph Ferrante, Economist *JF*  
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To: Susan Lewis, PM-21  
Registration Division

**Background**

This memo presents our findings regarding the use of propiconazole (tilt) on grass grown for seed. The use of tilt (a fungicide) is contingent upon such factors as:

- o weather,
- o disease infestation,
- o and the susceptibility of various types of grass (eg. rye grass, Kentucky bluegrass) to the relevant diseases.

Actual tilt usage will vary (significantly) based on the above considerations. However, the following estimates are representative of the average annual usage.

**Findings**

- o Tilt is primarily used to control stem rust and strip rust.
- o There are approximately 500,000 - 550,000 acres of grass grown for seed in the United States.
- o Tilt is applied to about 25 - 35 percent of the acreage (accounting for 125,000 - 192,500 acres).
- o Approximately 1.8 - 2.8 tons/acre of straw are produced. Straw can be used for both animal feed and bedding.

I have attached a copy of a previous memo that will provide some useful information regarding grass seed production and the production of screening which are used for animal feed. If you need any further information regarding this issue, please contact me at 557-1753.

cc: Al Jennings